

## CLAIMS

### WHAT IS CLAIMED IS:

- [c1] 1. A system for managing the loading and deletion of software application components on a wireless device in selective communication with a wireless network, comprising:
- at least one wireless device having one or more resident executable software applications wherein each software application includes one or more application components and application-associated data;
- at least one application download server on the wireless network, the application server selectively communicating with the at least one wireless device and downloading software applications and application components to the one or more wireless devices across the wireless network; and
- wherein the at least one wireless device selectively deletes one or more application components of the one or more resident software applications without loss of the application-associated data, selectively prompts the application server across the wireless network for transmission of one or more application components, and installs the transmitted one or more application components such that the one or more resident applications including the installed application components are executable on the wireless device.
- [c2] 2. The system of claim 1, wherein the application-associated data includes a license for use of the software application.
- [c3] 3. The system of claim 1, wherein the application-associated data includes user-specific data.
- [c4] 4. The system of claim 1, wherein the application-associated data includes application components necessary to execute the application on the wireless device.
- [c5] 5. The system of claim 1, wherein the wireless device is a cellular telephone.
- [c6] 6. The system of claim 1, wherein the wireless device is a personal digital assistant.
- [c7] 7. The system of claim 1, wherein the wireless device is a pager.

[c8] 8. A system for managing the loading and deletion of software application components on a wireless communication means, comprising:

wireless communication means for selectively communicating over a wireless network, the wireless communication means having one or more resident executable software applications wherein each software application includes one or more application components and application-associated data;

application download means for selectively downloading software applications and application components to the wireless communication means across the wireless network; and

wherein the wireless communication means selectively deletes one or more application components of the one or more resident software applications without loss of the application-associated data, selectively prompts the application download means across the wireless network for transmission of one or more application components, and installs the transmitted one or more application components such that the one or more resident applications including the installed components are executable on the wireless communication means.

[c9] 9. A method for managing the loading and deletion of components of one or more software applications resident on a wireless device, each software application including one or more application components and application-associated data, and the wireless device in selective communication with one or more application download servers over a wireless network, the method comprising the steps of:

selectively deleting at the wireless device one or more application components of the one or more resident software applications without loss of the application-associated data;

selectively establishing a communication link from the wireless device to an application download server wherein wireless device prompts the application download server for transmission of one or more deleted application components;

transmitting the one or more deleted application components from the application download server to the wireless device; and

installing at the wireless device the transmitted one or more application components such that the one or more resident applications including the installed application components are executable on the wireless device

[c10] 10. The method of claim 9, wherein the step of establishing a communication link is establishing a communication link through a cellular telecommunication network.

- [c11] 11. The method of claim 9, wherein the step of establishing a communication link occurs upon the wireless device intending to execute a resident software application for which one or more associated components have been deleted.
- [c12] 12. The method of claim 9, wherein the step of selectively deleting at the wireless device one or more application components of the one or more resident software applications is selectively deleting the one or more application components of the one or more resident software applications at the direction of the user of the wireless device.
- [c13] 13. The method of claim 12, wherein the step of establishing a communication link occurs upon a user of the wireless device prompting the application download server to transmit over the wireless network one or more application components for a resident software application for which one or more associated components have been deleted.
- [c14] 14. The method of claim 9, wherein the step of selectively deleting at the wireless device one or more application components of the one or more resident software applications is selectively deleting the one or more application components of the one or more resident software application is determined by the wireless device.
- [c15] 15. A method for managing the loading and deletion of components of one or more software applications resident on a wireless device, software application including one or more application components and application-associated data, and the wireless device in selective communication with one or more application download servers over a wireless network, the method comprising the steps of:
- a deletion step for selectively deleting at the wireless device one or more application components of the one or more resident software applications without loss of the application-associated data;
  - a communication step for selectively establishing a communication link from the wireless device to an application download server wherein wireless device prompts the application download server for transmission of one or more deleted application components;
  - a transmission step for transmitting the one or more deleted application components from the application download server to the wireless device; and

an installation step for installing at the wireless device the transmitted one or more application components such that the one or more resident applications including the installed application components are executable on the wireless device

[c16] 16. A wireless device having one or more resident software applications wherein each application includes one or more application components and application-associated data, the wireless device in selective communication over a wireless network with at least one application server that selectively downloads software applications and application components to the wireless device, the wireless device further selectively deleting one or more application components of the one or more resident software applications without loss of the application-associated data, selectively prompting the application download server across the wireless network for transmission of one or more deleted application components, and installing the transmitted one or more application components such that the one or more resident applications including the installed components are executable on the wireless device.

[c17] 17. The wireless device of claim 16, wherein the wireless device is a cellular telephone.

[c18] 18. The wireless device of claim 16, wherein the wireless device is a personal digital assistant.

[c19] 19. The wireless device of claim 16, wherein the wireless device is a pager.

[c20] 20. In a computer readable medium, a program that directs a wireless device having a computer platform and one or more resident software applications wherein each software application includes one or more application components and application-associated data, to perform the steps of:

selectively deleting one or more application components of one or more software applications resident on the wireless device, the deletion occurring without loss of the application-associated data;

selectively establishing a communication link over a wireless network to an application download server wherein the wireless device prompts the application download server for transmission of one or more application components that were deleted from a resident application; and

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installing at the wireless device the transmitted one or more application components such that the one or more resident applications including the installed application components are executable on the wireless device.

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